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04-08-02

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Patent
269/003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Karpishin, T., et al.

Serial No.: 10/071,377

Filed: February 7, 2002

For: AMPHIPHILIC MOLECULAR AND
CONSTRUCTS BASED THEREON

Group Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with 37 CFR §§ 1.97 and 1.98, the items identified in this Information Disclosure Statement ("IDS") are brought to the attention of the Office. The items are listed on the attached form PTO-1449 and copies are enclosed for the convenience of the Examiner.

The items identified in this IDS may or may not be "material" pursuant to 37 CFR § 1.56. The submission thereof by Applicant is not to be construed as an admission that any such patent, publication or other information referred to therein is material or considered to be material (37 CFR § 1.97(h)), or even qualifies as "prior art" under 35 USC § 102 with respect to this invention unless specifically designated by Applicant as such.

INFORMATION DISCLOSURE STATEMENT FILING PROVISION:

- ☒ This IDS is believed to be timely in that it is being submitted under 37 CFR § 1.97(b), that is (1) within three months of the filing date of the application, which is not a continued prosecution application filed under § 1.53(d); or (2) within three months of entry of the national stage as set forth in 37 CFR §

CERTIFICATE OF MAILING
(37 C.F.R. §1.10)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as 'Express Mail Post Office To Addressee' in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

EV018192411US
Express Mail Label No.April 4, 2002
Date of DepositLeizel M. Galon
Name of Person Mailing Paper
Signature of Person Mailing Paper-0



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1.491; or (3) before the mailing of a first Office action on the merits; or (4) before the mailing of a first Office action after filing a request for continued examination under § 1.114. Thus, no fee is required.

☒ However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and charge the fee due under 37 CFR § 1.17(p) to the deposit account referenced below.

☐ However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and a statement under 37 CFR § 1.97(e) is included below, thus no fee is required.

☐ This IDS is being submitted under 37 CFR § 1.97(c), that is after mailing of a first Office action on the merits, but before a Final Action under 37 CFR § 1.113 or a Notice of Allowance under 37 CFR § 1.311.

☐ The fee due under 37 CFR § 1.17(p) is submitted herewith.

☐ A statement under 37 CFR § 1.97(e) is included below, thus no fee is required. In the event that this IDS is not received before a Final Action or a Notice of Allowance, then Applicant respectfully requests that the Office consider the filing of these papers to be submitted under 37 CFR § 1.97(d) and charge the fee due under 37 CFR § 1.17(p) to the deposit account below.

☐ This IDS is being submitted under 37 CFR § 1.97(d), that is after a Final Action under 37 CFR § 1.113 or a Notice of Allowance under 37 CFR § 1.311, but before payment of the issue fee. A statement under 37 CFR § 1.97(e) is included below. The fee due under 37 CFR § 1.17(p) is submitted herewith.

STATEMENT UNDER 37 CFR § 1.97(e):

☐ Each item contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS.

☐ No item contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this statement after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this IDS.



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PAYMENT AND/OR AUTHORIZATION TO CHARGE FEES:

- ☐ A check in the amount of _____ is enclosed for the above fee(s).
☐ Please charge _____ to Deposit Account No. **12-2475** for the above fee(s).

The Commissioner is authorized to charge any fees required by the filing of these papers, and to credit any overpayment to Lyon & Lyon's Deposit Account No. **12-2475**.

Dated: 3/4/02

Respectfully submitted,
LYON & LYON LLP

By: 

Bernard F. Rose
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FORM PTO-1449

LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.
269/003

SERIAL NO.
10/071,377

APPLICANT:
Karpishin, T., et al.

FILING DATE:
February 7, 2002

GROUP:
Not Yet Assigned

APR 11 2002

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	AA	4,560,599	12-24-85	Regen, Steven L.	428	36	1-28-85
	AB	4,808,480	2-28-89	Regen, Steven L.	428	402.2	11-25-86
	AC	4,632,800	12-30-86	Barraud, et al.	264	298	5-9-85
	AD	4,997,676	3-5-91	Lefebvre, Michel S. M.	427	245	8-28-89
	AE	5,405,550	4-11-95	Michl et al.	252	299.01	8-10-92
	AF	5,468,851	11-21-95	Seeman et al.	536	22.1	9-2-93
	AG	5,532,129	7-2-96	Heller, Michael J.	435	6	3-27-94
	AH	5,876,830	3-2-99	Michl, et al.	428	114	9-6-96

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	AI	WO 01/27028 A1 PCT/US00/27732	4-19-01	World Intellectual Property Organization	C01B 31	36	X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AJ	Allinger, Norman L., "Conformational Analysis. 130. MM2. A Hydrocarbon Force Field Utilizing V ₁ and V ₂ Torsional Terms ^{1,2} , <u>Journal Of The American Chemical Society</u> , 1977, Vol 99, No. 25: pp 8127-8134
	AK	Burkert, U., et al., "Force Fields", <u>Molecular Mechanics</u> , 1982, 177:17-58
	AL	Bourne, G. et al., "The Development and Application of a Novel Safety-Catch Linker for BOC-Based Assembly of Libraries of Cyclic Peptides", <u>J. Org. Chem</u> , 2001, Vol. 66, No. 23: pp. 7706-7713
	AM	Caba, J., et al., "Solid-Phase Total Synthesis of Trunkamide A'", <u>J. Org. Chem</u> , 2001, Vol. 66: pp. 7568-7574
	AN	Dewar, M. et al., "AM1: A New General Purpose Quantum Mechanical Molecular Model", <u>J. Am. Chem. Soc.</u> , 1985, 107: 3902-3909
	AO	Dewar, M., et al., "Evaluation of AM1 Calculated Proton Affinities and Deprotonation Enthalpies", <u>J. Am. Chem. Soc.</u> , 1986, 108: pp. 8075-8086
	AP	Endo, K., et al. "Synthesis Of Novel Peptidomimetics, Cyclic Hexamers of Unnatural Amino Acids, 2,5-Disubstituted 3-Aminobenzoic Acids", <u>Heterocycles</u> , 1999, Vol. 51, No. 2,: pp. 337-344
	AQ	Hendel, R., et al., "Assembly and Disassembly of Langmuir-Blodgett Films on Poly[1-(trimethylsilyl)-1-propyne]: The Uniqueness of Calix[6]arene Multilayers as Permeation-Selective Membranes", <u>J. Am. Chem. Soc.</u> , 1997, 119: pp. 6909-6918

EXAMINER:

Not Yet Assigned

DATE CONSIDERED:

EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant

FORM PTO-1449	ATTY. DOCKET NO. 269/003	SERIAL NO. 10/071,377
LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		
APPLICANT: Karpishin, T., et al.		FILING DATE: February 7, 2002
		GROUP: Not Yet Assigned

AR	Jorgensen, W., et al., "Development and Testing of the OPLS All-Atom Force Field on Conformational Energetics and Properties of Organic Liquids", <u>J. Am. Chem. Soc.</u> , 1996 , 118: 11225-11236
AS	Stewart, James J.P., "MOPAC: A semiepirical molecular orbital program", <u>Journal of Computer-Aided Molecular Design</u> , 1990 , Vol. 4, No. 1: pp. 1-105
AT	Tarver, James E., Jr., et al. "Total Syntheses of Conformationally Constrained Didemnin B Analogues. Replacements of N,O-Dimethyltyrosine with L-1,2,3,4-Tetrahydroisoquinoline and L-1,2,3,4-Tetrahydro-7-methoxyisoquinoline", <u>J. Org. Chem.</u> , 2001 , 66: pp. 7575-7587

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